



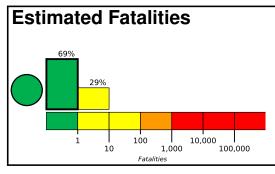


PAGER Version 8

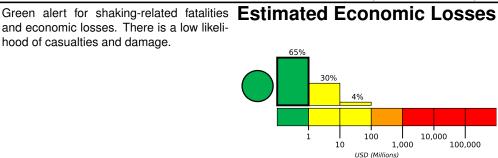
Created: 1 day, 0 hours after earthquake

M 4.9, 26km W of Pepeekeo, Hawaii

Origin Time: 2019-11-11 16:35:52 UTC (Mon 06:35:52 local) Location: 19.8638° N 155.3562° W Depth: 32.6 km



and economic losses. There is a low likeli-



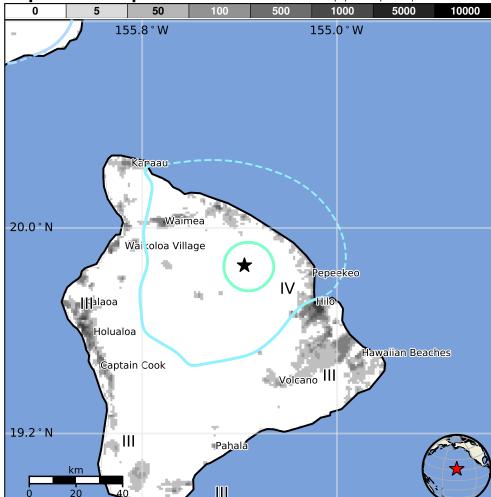
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	166k*	25k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan



PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1973-04-26	27	6.2	VII(74k)	0
2006-10-15	66	6.7	VIII(15k)	0
1975-11-29	56	7.2	IX(30k)	2

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org MMI City Population IV Papa'ikou 1k I۷ Pepeekeo 2k IV Waimea 9k IV Honoka'a 2k Ш Wainaku 1k Ш Hawi 1k Ш Hilo 43k Ш Hawaiian Paradise Park 11k Ш Kalaoa 10k Ш Kailua-Kona 12k Ш Holualoa 9k

bold cities appear on map.

(k = x1000)